

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 03-197423

(43)Date of publication of application : 28.08.1991

(51)Int.Cl.

A61K 31/195

A61K 7/00

A61K 31/13

A61K 31/195

A61K 31/70

A61K 47/16

(21)Application number : 01-336906

(71)Applicant : SHISEIDO CO LTD

(22)Date of filing : 26.12.1989

(72)Inventor : MAGARA TSUNAO  
MIYAZAWA KIYOSHI  
UCHIKAWA KEIICHI  
YAMASE YUKI  
AKIYASU AKIRA

## (54) FORMULATION FOR CUTANEOUS EXTERNAL APPLICATION

(57)Abstract:

PURPOSE: To obtain a formulation for cutaneous external application having an excellent percutaneous absorbability-accelerating effect of drug and excellent safety and feeling in using containing an amine oxide and tranexamic acid or salt of said acid.

CONSTITUTION: The objective formulation is obtained by containing an amine oxide and tranexamic acid or salt of said acid as active ingredients and more preferably containing hydroquinone glycoside, and further suitably mixing with a conventional compound for medicinal or cosmetic purpose, etc., such as alcohols, oily component, surfactant, dye, oxidation inhibitor, ultraviolet rays absorber, thickener or flavor, followed by adjusting. Said formulation contains 0.0001-10wt.% amine oxide and drug of the tranexamic acid in an amount of 0.0001-50wt.% to 1 weight of the amine oxide. Besides, said formulation is able to be prepared in a state of cream, gel, ointment, lotion, milky lotion or adhesive tape, etc.